

Figure 1

ACCESTACE CONTRACTOR

Figure 2a/1

Policy for educational licenses (license type "Educ")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N ·	N	N	N	N	N
Transfer to Dis	Y	Y	N	N	N	N	N	N
Transfer to Dea	N	N	N	N ·	N	N	N	N
Transfer to Dea-E	N	Y	N	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	N	N	N	N	N	N
Transfer to Edu	N	N	N	Y	N	N	Υ	N
Transfer to Anon	N	N	N	N .	N	N	N	N
Use	N	N	N	N ·	N	N	Y	N

Policy for evaluation licenses (license type "Eval")

	Рго	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Υ	N	N	N	N	N	N	:N
Transfer to Dis	Y	Y	N	N	N .	N	N	N
Transfer to Dea	N	Υ	Y	Y	N	N	N	N ·
Transfer to Dea-E	N	Y	Y	Y	N	N	N	N
Transfer to Com	N	N	Υ	Υ	Υ	Y	Υ	Y
Transfer to Gov	N	N	Ÿ	Υ	Υ	Υ	Y	Y
Transfer to Edu	N	N	Υ	Υ	Υ	Υ	Υ	Υ
Transfer to Anon	N	N	Υ	Y	Υ	Υ	Y	Υ :
Use	N .	N	N	N	Υ	Υ	Y	Υ

Policy for commercial licenses (license type "Comm")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Υ	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N .	N	N	N	N
Transfer to Dea	N	Y	Y	N	N	N	N	N.
Transfer to Dea-E	N	ĪN	N	N	N	N	N.	Ň
Transfer to Com	N	N	Y	N	Y	Υ	Υ .	N
Transfer to Gov	N	N	Y	N .	Υ	Y	Υ	N
Transfer to Edu	N	ĪN	Ϋ́	N	Y	Y	Y.	N
Transfer to Anon	N	IN	N	N	N	N	N	N
Use	N	N.	IN	N	Υ	Y	Υ	N

Figure 2a/2

Policy for dealer licenses (license type "Deal")

odicy for dealer nee		Dis	Dea	Dea-E	Com	Gov	Edu	Anon
·	Pro	+			N	N	N	N
Provide	Y	N	N	N_	+	+	i	N
Transfer to Dis	Y	Y	N	N	N	N_	N_	+
	N	ĺΥ	Y	Y	N	N	N	N
Transfer to Dea	-	\ <u>\</u>	l _Y	Y	N	N	.N	N
Transfer to Dea-E	N	 	 `	 	+	N	N	N
Transfer to Com	N	N_	N	N	N			+
	N	N	N	N	Ņ	N	N	N
Transfer to Gov		N	N	N	N	N	N	N
Transfer to Edu	N	+	+		N	N	N	N
Transfer to Anon	N_	N	N	N		 -		
Use	N	N	Y	Υ	N	N	N	N_

Fig. 2b

Characteristics of available license classes for a selected product suite consisting of a word processor, a spreadsheet and a database application.

Class	Туре	Product(s)	# Simult. Users	# Usages	Validity Period
EDU-1	Educ	Word Processor 1.0	50	unlimited	5a
		Spreadsheet 1.0			
		Database 1.0			
EDU-2	Educ	Word Processor 1.0	1	unlimited	unlimited
		Spreadsheet 1.0			
		Database 1.0			
EVA-1	Eval	Word Processor 1.0	1 .	50	30d
:		Spreadsheet 1.0			
:		Database 1.0			
COM-1	Comm	Word Processor 1.0	10	unlimited	5a
:		Spreadsheet 1. 0			
i		Database 1.0			
COM-2	Comm	Word Processor 1.0	50	unlimited	5a
		Spreadsheet 1.0			
·		Database 1.0	·		· _ · _
COM-3	Comm	Word Processor 1:0	unlimited	unlimited	. 5a
	1	Spreadsheet 1.0			
		Database 1.0			
DEA-1	Deal	Word Pracessor 1.0	1	unlimited	1a
<u>;</u>		Spreadsheet 1.0			
:		Database 1.0			· .

Fig. 2c

Licensee	19650630
License Identification	19950508

[The following lines were copied from the license class "EDU-1" on creation.]:

Licensed software	Word Processor 1.0
	Spreadsheet 1.0
	Database 1.0
Maximal number of concurrent users	50
Maximal number of program invocations	unlimited
Valid through	March 2006

[The following lines were copied from the license policy corresponding to the license type "Educ".]

License policy	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N ·	N	N	N	N	N.
Transfer to Dis	Y	Y	Ň	N ·	N	N	N	N
Transfer to Dea	Ν	N	N	N	N	N	N	N
Transfer to Dea-E	N	Υ	N	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	Ν	N	N	N	N	N ·
Transfer to Edu	N	N	N	Υ	N	N	Υ	N
Transfer to Anon	N	N	N	N ·	N	N	N	N .
Use	Ν	N	N	N	N	N	Υ	N ·

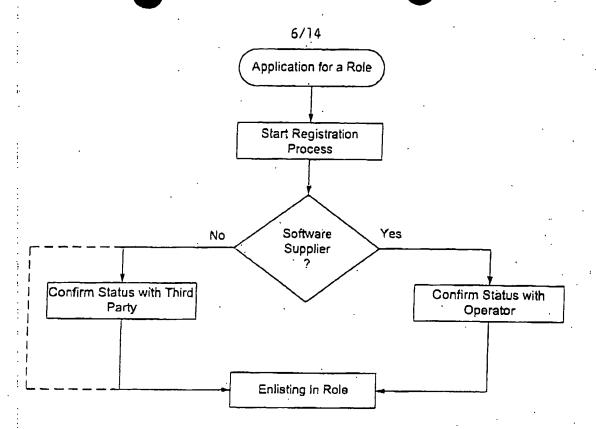
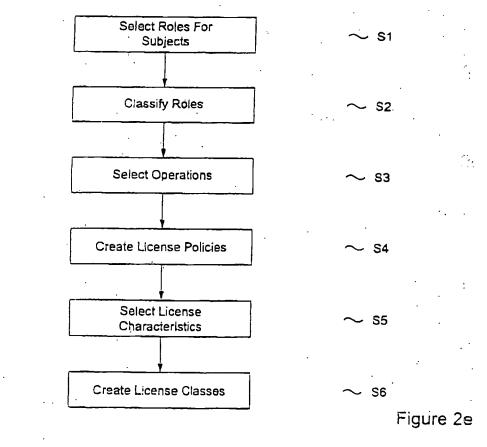
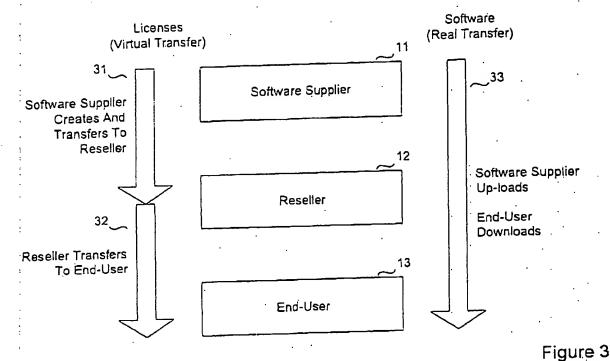


Figure 2d





Supplier Upload Software Related **Product** Licénse Upload Scheme Confirm EDU-12 License Registration Transfer License Trust Centre Reseller Server Acquire License. Register Establish Proof of Download Deny Request **EDU-Identity** Grant Request Software Permission Permission Permission Permission To Run To Run To Run To Run EDU-User Comercial User 13b 13a Request EDU-License License Transfer

Figure 4

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Figure 5

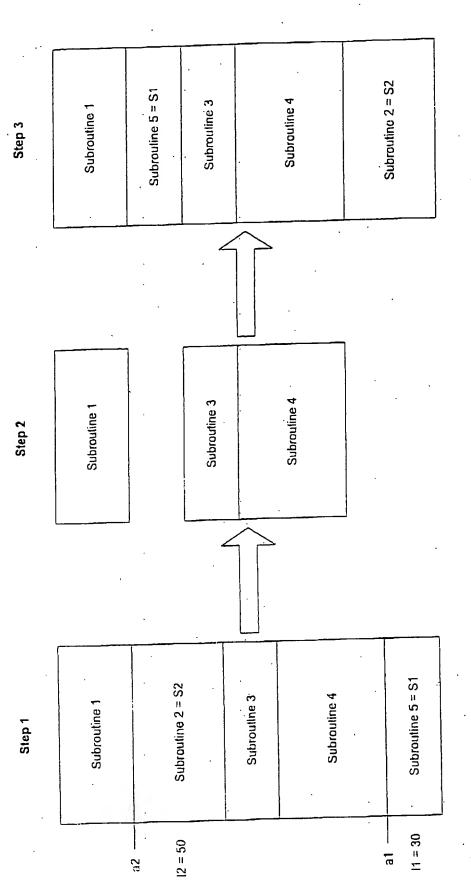
South Of Address Spaces		Start Of Code Segment	End Of Code Segment			End Of Oata Segment		End Of Address Space
RAM	Unused Address Space	Cade Segment		Unused Address Space	Data Segment		Unived Address Space	
				Load				
			Executable File On Disk	Code Segment	Data segment			
			Exe					

Figure 6

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		Inserted Data	L	Code Segment	Data Segment	
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Subroutine 3	Layout	Subroutine 1	Identification Data	ı,	Variable 3	
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Variable 1		Variable 1	>	Subroutine 3	N.,	
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Variable 2		Variable 3			Variable 2	
				Subroutine 1		
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License Server

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Data Segment	Variable 1	Variable 3	· "X"	Inserted Data	Variable 2	" λ
		Ticket Data				÷
Data Segment	Variable 1	Variable 3	Uninitialised	Inserted Data	Variable 2	Uninitialised

License Server

Client First Program Start: R1 Validate Request Ticket Version 1 Send Request Ticket Version 1 **S11** T1 Send Runtime Ticket Version 1 Store Runtime Ticket Version 1 Send Changes To Ticket Verification TVC2 Store Canges To Ticket Verification Code for Validating T2 Code For Valldating T2 in Software Copy File on Harddisk L1 Send Log-Off Ticket Version 1 Store Log-Off Ticket Version 1 S12 ~ R2 Send Request Ticket Version 2 Store Request Ticket Version 2 in Software Copy File on Harddisk Validate Received Tickets L1 and T1 Run Program 513 and Repeatedly Validate T1 L1 Ę Start Program Termination Validate L1 514 and Return L1 ١D Terminate Program Execution M S15 ١,٠ fü LII x-th Program Start: Rx Validate Request Ticket Version x Send Request Ticket Version x t Sx1 Tx Send Runtime Ticket Version x Ш Store Runtime Ticket Version x Send Changes To Ticket Verification TVC x+1 O Store Canges To Ticket Verification Code for Validating Tx+1 Code For Validating Tx+1 in Software Copy File on Harddisk ļ. LX Send Log-Off Ticket Version x Store Log-Off Ticket Version x Sx2 Rx+1 Send Request Ticket Version x+1 Store Request Ticket Version x+1 in Software Copy File on Harddisk Validate Received Tickets Lx and Tx Run Program Sx3 and Repeatedly Validate Tx Lx Start Program Termination Validate Lx Sx4 and Return Lx Terminate Program Execution Sx5

Figure 11